

**Version of Amendments with Markings to Show Changes Made**

27. (Amended) A coated implant comprising an implant and a coating, wherein said coating [is applied to said implant, said coating comprising] comprises magnesium ions, calcium ions, and phosphate ions and wherein said coating induces formation of bone cells from progenitor cells.

30. (Amended) The implant of claim 29 wherein the implant is treated by sand-blasting, scoring, polishing, or [grounding] grinding.

36. (Amended) A coated implant comprising an implant, a first coating, and a second coating, [wherein said first coating is applied to said implant] said first coating comprising magnesium ions, calcium ions, and phosphate ions and wherein said coating induces formation of bone cells from progenitor cells,

wherein a second coating is applied to said implant after said first coating, said second coating comprising calcium and phosphate ions.